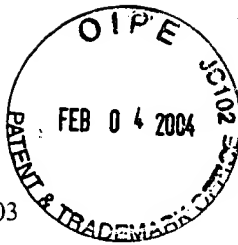


61  
Appl. No. 09/864,123  
Amdt. Dated February 4, 2004  
Reply to Office Action of December 3, 2003



AF/2800

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

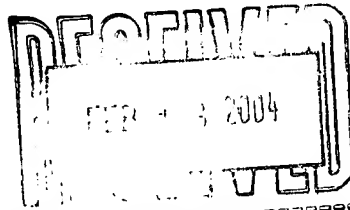
Art Unit	: 2829	Customer No.:	026794
Examiner	: Russell M. Kobert	Confirmation No.:	1456
Serial No.	: 09/864,123	Docket No.:	17539
Filed	: May 25, 2001		[1113-03]
Inventor	: Ziegner et al.		
Title	: FILM-BASED MICROWAVE		
	: AND MILLIMETER WAVE		
	: CIRCUITS AND SENSORS		

Dated: February 4, 2004

**Mail Stop AF**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:



**Certificate of Mailing Under 37 CFR 1.8**

For

Postcard  
Amendment Transmittal in Duplicate  
Amendment

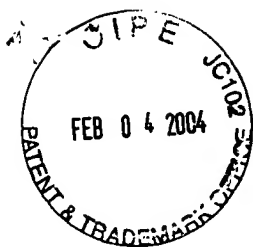
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an Express Mail envelope number EV 383521019 US addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date appearing below.

Name of Applicant, Assignee, Applicant's Attorney  
or Registered Representative:

Piper Rudnick LLP  
Customer No. 035811

By: 

Date: 2/4/04



Attorney Docket No.: 17539 [1113-03]

In re Application of Ziegner et al.

Serial No.: 09/864,123

Filed: May 25, 2001

For: FILM-BASED MICROWAVE AND MILLIMETER WAVE CIRCUITS AND SENSORS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment in the above-identified application.

- ☐ Small entity status of this application under 37 CFR §1.9 and §1.27 has been established.
- ☐ A verified statement to establish small entity status under 37 CFR §1.9 and §1.27 is enclosed.
- ☒ No additional fee is required.

The fee has been calculated as shown below:

(Col. 1)

(Col. 2) (Col. 3)

SMALL ENTITY

OTHER THAN  
SMALL ENTITY

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PRE- VIOUSLY PAID FOR	PRESENT EXTRA
TOTAL	43*	-	**43 =	0
INDEP.	4*	-	**4 =	0
___ First presentation of multiple dependent claim				

RATE	ADD'L FEE
x 9=	\$
x43=	\$
+145=	\$

OR

RATE	ADD'L FEE
x18=	\$
x86=	\$
+290=	\$

TOTAL ADDITIONAL FEE \$0 OR \$ \_\_\_\_\_

- \* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
- \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

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FEB 13 2004  
TECHNOLOGY CENTER 2800

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

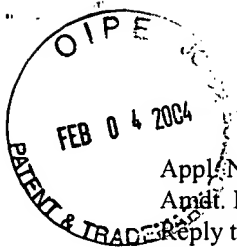
- ☐ Please charge my Deposit Account No. 50-2719 in the amount of \$ \_\_\_\_\_.  
A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$ \_\_\_\_\_ is attached.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-2719. A duplicate copy of this sheet is enclosed.
- ☒ Any filing fees under 37 CFR §1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR §1.17 with the exception of the Issue Fee which we intend to pay by check.



Paul A Taufer  
Reg. No. 35,703  
Darius C. Gambino  
Reg. No. 41,472  
Attorney for Applicant(s)

PAT/DCG:pam  
(215)656-3300

App. No. 09/864,123  
Amat. Dated February 4, 2004  
Reply to Office Action of December 3, 2003



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit	: 2829	<b>Customer No.: 026794</b>
Examiner	: Russell M. Kobert	
Serial No.	: 09/864,123	Confirmation No.: 1456
Filed	: May 25, 2001	
Inventor	: Ziegner et al.	Docket No.: 17539
Title	: FILM-BASED MICROWAVE	[1113-03]
	: AND MILLIMETER WAVE	
	: CIRCUITS AND SENSORS	

Dated: February 4, 2004

**AFTER-FINAL RESPONSE**

**Mail Stop AF**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed 3 December 2003, please amend the application  
as follows:

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 11 of this paper.